

TRUTH TABLE

I8	I7	I6	I5	I4	I3	I2	I2		Y4	Y3	Y2	Y1
0	0	0	0	0	0	0	0		0	0	0	0
0	0	0	0	0	0	0	1		0	0	0	1
0	0	0	0	0	0	1	X		0	0	1	0
0	0	0	0	0	1	X	X		0	0	1	1
0	0	0	0	1	X	X	X		0	1	0	0
0	0	0	1	X	X	X	X		0	1	0	1
0	0	1	X	X	X	X	X		0	1	1	0
0	1	X	X	X	X	X	X		0	1	1	1
1	X	X	X	X	X	X	X		1	0	0	0